

4. THE 2008 MSA-READING STATISTICAL SUMMARY

Table 4.1 Classical Descriptive Statistics for the 2008 MSA-Reading: Grades 3 through 8

Grade	Total number of Items	N	Mean	SD	Reliability	SEM
3	37	58,301	28.69	6.95	0.86	2.60
4	37	59,697	28.57	6.88	0.87	2.48
5	37	60,486	29.71	6.81	0.87	2.46
6	37	61,036	30.14	6.99	0.88	2.42
7	37	62,513	29.05	7.27	0.88	2.52
8	37	63,858	29.54	7.26	0.88	2.51

Note. Analysis was conducted with a statewide population.

Table 4.2 The 2008 MSA-Reading Scale Score Descriptive Statistics: Grades 3 through 8

Grade	N	M	SD	P10	Q1	Mdn	Q3	P90	IQR	SE at Cut-Points	
										Prof.	Adv.
3	58,301	415.6	39.6	364	392	417	443	464	51	11	16
4	59,697	413.5	37.7	367	389	411	438	461	49	12	14
5	60,486	427.2	38.1	379	400	428	452	478	52	12	13
6	61,036	413.3	37.1	366	390	411	440	456	50	11	13
7	62,513	416.0	36.8	370	394	416	443	457	49	11	13
8	63,858	413.4	35.6	368	390	415	436	457	46	11	13

Note. Analyses were conducted with a whole population.

Table 4.3 The 2008 MSA-Reading Standard Correlations: Grade 3

Cluster	<i>N</i>	Mean	<i>SD</i>	1	2	3
1. General Reading	58,301	12.03	2.61	1.00		
2. Literary Reading	58,301	7.57	2.54	0.65	1.00	
3. Information Reading	58,301	9.09	2.76	0.66	0.66	1.00

Note. Analysis was conducted with a statewide population.

Table 4.4 The 2008 MSA-Reading Standard Correlations: Grade 4

Cluster	<i>N</i>	Mean	<i>SD</i>	1	2	3
1. General Reading	59,697	10.66	2.55	1.00		
2. Literary Reading	59,697	9.03	2.57	0.63	1.00	
3. Information Reading	59,697	8.88	2.70	0.67	0.68	1.00

Note. Analysis was conducted with a statewide population.

Table 4.5 The 2008 MSA-Reading Standard Correlations: Grade 5

Cluster	<i>N</i>	Mean	<i>SD</i>	1	2	3
1. General Reading	60,486	11.94	2.31	1.00		
2. Literary Reading	60,486	9.24	2.56	0.65	1.00	
3. Information Reading	60,486	8.53	2.85	0.64	0.70	1.00

Note. Analysis was conducted with a statewide population.

Table 4.6 The 2008 MSA-Reading Standard Correlations: Grade 6

Cluster	<i>N</i>	Mean	<i>SD</i>	1	2	3
1. General Reading	61,036	12.10	2.44	1.00		
2. Literary Reading	61,036	9.12	2.69	0.67	1.00	
3. Information Reading	61,036	8.93	2.73	0.67	0.72	1.00

Note. Analysis was conducted with a statewide population.

Table 4.7 The 2008 MSA-Reading Standard Correlations: Grade 7

Cluster	<i>N</i>	Mean	<i>SD</i>	1	2	3
1. General Reading	62,513	10.93	2.58	1.00		
2. Literary Reading	62,513	9.04	2.90	0.69	1.00	
3. Information Reading	62,513	9.09	2.66	0.67	0.71	1.00

Note. Analysis was conducted with a statewide population.

Table 4.8 The 2008 MSA-Reading Standard Correlations: Grade 8

Cluster	<i>N</i>	Mean	<i>SD</i>	1	2	3
1. General Reading	63,858	11.14	2.71	1.00		
2. Literary Reading	63,858	9.35	2.70	0.70	1.00	
3. Information Reading	63,858	9.06	2.75	0.65	0.72	1.00

Note. Analysis was conducted with a statewide population.

Table 4.9 The 2008 MSA-Reading Decision Accuracy and Consistency Indices: Grade 3

Grade	Performance Cut	Accuracy	False Positive	False Negative	Consistency
3	<i>B : PA</i>	0.91	0.03	0.05	0.88
	<i>BP : A</i>	0.92	0.05	0.03	0.89

Note. B:PA denotes the cut between Basic and Proficient, while BP:A denotes the cut between Proficient and Advanced.

Table 4.10 The 2008 MSA-Reading Decision Accuracy and Consistency Indices: Grade 4

Grade	Performance Cut	Accuracy	False Positive	False Negative	Consistency
4	<i>B : PA</i>	0.93	0.02	0.04	0.91
	<i>BP : A</i>	0.91	0.05	0.04	0.87

Note. B:PA denotes the cut between Basic and Proficient, while BP:A denotes the cut between Proficient and Advanced.

Table 4.11 The 2008 MSA-Reading Decision Accuracy and Consistency Indices: Grade 5

Grade	Performance Cut	Accuracy	False Positive	False Negative	Consistency
5	<i>B : PA</i>	0.93	0.02	0.05	0.90
	<i>BP : A</i>	0.88	0.06	0.06	0.84

Note. B:PA denotes the cut between Basic and Proficient, while BP:A denotes the cut between Proficient and Advanced.

Table 4.12 The 2008 MSA-Reading Decision Accuracy and Consistency Indices: Grade 6

Grade	Performance Cut	Accuracy	False Positive	False Negative	Consistency
6	<i>B : PA</i>	0.91	0.03	0.06	0.87
	<i>BP : A</i>	0.90	0.05	0.05	0.86

Note. B:PA denotes the cut between Basic and Proficient, while BP:A denotes the cut between Proficient and Advanced.

Table 4.13 The 2008 MSA-Reading Decision Accuracy and Consistency Indices: Grade 7

Grade	Performance Cut	Accuracy	False Positive	False Negative	Consistency
7	<i>B : PA</i>	0.92	0.03	0.05	0.89
	<i>BP : A</i>	0.89	0.06	0.05	0.85

Note. B:PA denotes the cut between Basic and Proficient, while BP:A denotes the cut between Proficient and Advanced.

Table 4.14 The 2008 MSA-Reading Decision Accuracy and Consistency Indices: Grade 8

Grade	Performance Cut	Accuracy	False Positive	False Negative	Consistency
8	<i>B : PA</i>	0.90	0.04	0.06	0.87
	<i>BP : A</i>	0.90	0.05	0.05	0.86

Note. B:PA denotes the cut between Basic and Proficient, while BP:A denotes the cut between Proficient and Advanced.

Table 4.15 The 2008 MSA-Reading Total Raw Score to Scale Score Conversion Table: Grade 3

<u>Grade 3</u>				
Raw Score	Scale Score (SS)	Standard Error (SE)	SS – 1SE	SS + 1SE
0	240 ^a	47	240 ^a	262
1	240	34	240 ^a	274
2	265	25	240	290
3	281	21	260	302
4	293	19	274	312
5	303	17	286	320
6	311	16	295	327
7	318	15	303	333
8	325	14	311	339
9	331	14	317	345
10	336	13	323	349
11	341	13	328	354
12	346	12	334	358
13	351	12	339	363
14	355	12	343	367
15	360	12	348	372
16	364	12	352	376
17	368	11	357	379
18	372	11	361	383
19	376	11	365	387
20	380	11	369	391
21	384	11	373	395
22	388	11	377	399
23	392	11	381	403
24	396	11	385	407
25	400	11	389	411
26	404	12	392	416
27	408	12	396	420
28	412	12	400	424
29	417	12	405	429
30	421	12	409	433
31	426	13	413	439
32	431	13	418	444
33	437	14	423	451
34	443	14	429	457
35	449	15	434	464
36	456	16	440	472
37	464	17	447	481
38	474	18	456	492
39	485	20	465	505
40	498	22	476	520
41	515	24	491	539
42	535	26	509	561
43	558	29	529	587
44	590	37	553	627
45	617	49	568	650 ^b

Note. ^aLOSS was set to 240. ^bHOSS was set to 650.

Table 4.16 The 2008 MSA-Reading Subtotal Raw Score to Scale Score Conversion Table: Grade 3

Strand	Raw Score	Grade 3			
		Scale Score (SS)	Standard Error (SE)	SS – 1SE	SS + 1SE
GR	0	240 ^a	48	240 ^a	281
GR	1	259	36	240 ^a	295
GR	2	288	27	261	315
GR	3	307	23	284	330
GR	4	322	21	301	343
GR	5	334	20	314	354
GR	6	346	19	327	365
GR	7	357	18	339	375
GR	8	367	18	349	385
GR	9	377	19	358	396
GR	10	388	19	369	407
GR	11	400	20	380	420
GR	12	413	21	392	434
GR	13	428	23	405	451
GR	14	447	27	420	474
GR	15	476	36	440	512
GR	16	502	48	454	550
LI	0	267	50	240 ^a	317
LI	1	295	38	257	333
LI	2	328	29	299	357
LI	3	350	25	325	375
LI	4	367	23	344	390
LI	5	382	21	361	403
LI	6	396	21	375	417
LI	7	409	21	388	430
LI	8	422	21	401	443
LI	9	437	22	415	459
LI	10	454	25	429	479
LI	11	477	30	447	507
LI	12	513	38	475	551
LI	13	562	42	520	604
LI	14	595	52	543	647
IN	0	277	47	240 ^a	324
IN	1	301	34	267	335
IN	2	327	25	302	352
IN	3	344	22	322	366
IN	4	358	20	338	378
IN	5	369	19	350	388
IN	6	381	19	362	400
IN	7	392	19	373	411
IN	8	403	19	384	422
IN	9	415	20	395	435
IN	10	429	22	407	451
IN	11	445	25	420	470
IN	12	468	30	438	498
IN	13	502	36	466	538
IN	14	549	42	507	591
IN	15	581	52	529	633

Note. ^aLOSS was set to 240. ^bHOSS was set to 650.

Note. GR= General Reading, LI=Literary, IN=Informational

Table 4.17 The 2008 MSA-Reading Total Raw Score to Scale Score Conversion Table for Verbatim Students: Grade 3

<u>Grade 3</u>				
Raw Score	Scale Score (SS)	Standard Error (SE)	SS – 1SE	SS + 1SE
0	247	47	240 ^a	294
1	272	34	240 ^a	306
2	298	25	273	323
3	315	21	294	336
4	328	19	309	347
5	338	18	320	356
6	347	16	331	363
7	355	16	339	371
8	362	15	347	377
9	369	15	354	384
10	375	14	361	389
11	381	14	367	395
12	387	14	373	401
13	394	14	380	408
14	400	14	386	414
15	406	14	392	420
16	412	14	398	426
17	419	15	404	434
18	425	15	410	440
19	433	16	417	449
20	441	17	424	458
21	450	18	432	468
22	460	19	441	479
23	473	21	452	494
24	488	24	464	512
25	507	26	481	533
26	530	28	502	558
27	555	30	525	585
28	588	37	551	625
29	615	49	566	650 ^b

Note. ^aLOSS was set to 240. ^bHOSS was set to 650.

Table 4.18 The 2008 MSA-Reading Subtotal Raw Score to Scale Score Conversion Table for Verbatim Students: Grade 3

Grade 3					
Strand	Raw Score	Scale Score (SS)	Standard Error (SE)	SS – 1SE	SS + 1SE
LI	0	267	50	240 ^a	317
LI	1	295	38	257	333
LI	2	328	29	299	357
LI	3	350	25	325	375
LI	4	367	23	344	390
LI	5	382	21	361	403
LI	6	396	21	375	417
LI	7	409	21	388	430
LI	8	422	21	401	443
LI	9	437	22	415	459
LI	10	454	25	429	479
LI	11	477	30	447	507
LI	12	513	38	475	551
LI	13	562	42	520	604
LI	14	595	52	543	647
IN	0	277	47	240 ^a	324
IN	1	301	34	267	335
IN	2	327	25	302	352
IN	3	344	22	322	366
IN	4	358	20	338	378
IN	5	369	19	350	388
IN	6	381	19	362	400
IN	7	392	19	373	411
IN	8	403	19	384	422
IN	9	415	20	395	435
IN	10	429	22	407	451
IN	11	445	25	420	470
IN	12	468	30	438	498
IN	13	502	36	466	538
IN	14	549	42	507	591
IN	15	581	52	529	633

Note. ^aLOSS was set to 240. ^bHOSS was set to 650.

Note. LI=Literary, IN=Informational

Table 4.19 The 2008 MSA-Reading Total Raw Score to Scale Score Conversion Table: Grade 4

Raw Score	Scale Score (SS)	Grade 4		
		Standard Error (SE)	SS – 1SE	SS + 1SE
0	240 ^a	48	240 ^a	240 ^a
1	240 ^a	35	240 ^a	250
2	242	26	240 ^a	268
3	258	22	240 ^a	280
4	271	20	251	291
5	282	18	264	300
6	291	17	274	308
7	300	16	284	316
8	307	15	292	322
9	314	15	299	329
10	321	14	307	335
11	327	14	313	341
12	332	14	318	346
13	338	13	325	351
14	343	13	330	356
15	348	13	335	361
16	353	13	340	366
17	358	12	346	370
18	362	12	350	374
19	367	12	355	379
20	371	12	359	383
21	376	12	364	388
22	380	12	368	392
23	384	12	372	396
24	389	12	377	401
25	393	12	381	405
26	397	12	385	409
27	402	12	390	414
28	406	12	394	418
29	411	12	399	423
30	416	13	403	429
31	421	13	408	434
32	426	13	413	439
33	432	14	418	446
34	438	14	424	452
35	444	15	429	459
36	452	16	436	468
37	461	18	443	479
38	471	19	452	490
39	484	22	462	506
40	502	26	476	528
41	527	31	496	558
42	559	34	525	593
43	596	36	560	632
44	642	43	599	650 ^b
45	650 ^b	53	623	650 ^b

Note. ^aLOSS was set to 240. ^bHOSS was set to 650.

Note. GR= General Reading, LI=Literary, IN=Informational

Table 4.20 The 2008 MSA-Reading Subtotal Raw Score to Scale Score Conversion Table: Grade 4

<u>Grade 4</u>					
Strand	Raw Score	Scale Score (SS)	Standard Error (SE)	SS – 1SE	SS + 1SE
GR	0	240 ^a	49	240 ^a	276
GR	1	253	36	240 ^a	289
GR	2	282	28	254	310
GR	3	303	24	279	327
GR	4	319	23	296	342
GR	5	334	22	312	356
GR	6	348	21	327	369
GR	7	361	21	340	382
GR	8	374	21	353	395
GR	9	387	21	366	408
GR	10	400	21	379	421
GR	11	414	22	392	436
GR	12	430	24	406	454
GR	13	449	27	422	476
GR	14	477	35	442	512
GR	15	503	48	455	551
LI	0	240 ^a	51	240 ^a	279
LI	1	258	40	240 ^a	298
LI	2	295	31	264	326
LI	3	321	27	294	348
LI	4	340	24	316	364
LI	5	355	22	333	377
LI	6	369	21	348	390
LI	7	382	20	362	402
LI	8	394	20	374	414
LI	9	407	21	386	428
LI	10	421	23	398	444
LI	11	439	26	413	465
LI	12	464	33	431	497
LI	13	513	48	465	561
LI	14	602	60	542	650 ^b
LI	15	650 ^b	61	596	650 ^b
IN	0	240 ^a	50	240 ^a	288
IN	1	266	38	240 ^a	304
IN	2	299	29	270	328
IN	3	322	26	296	348
IN	4	341	24	317	365
IN	5	356	22	334	378
IN	6	371	21	350	392
IN	7	385	21	364	406
IN	8	398	21	377	419
IN	9	412	22	390	434
IN	10	427	23	404	450
IN	11	446	26	420	472
IN	12	472	33	439	505
IN	13	522	48	474	570
IN	14	591	46	545	637
IN	15	628	54	574	650 ^b

Note. ^aLOSS was set to 240. ^bHOSS was set to 650.

Note. GR= General Reading, LI=Literary, IN=Informational

Table 4.21 The 2008 MSA-Reading Total Raw Score to Scale Score Conversion Table: Grade 5

<u>Grade 5</u>				
Raw Score	Scale Score (SS)	Standard Error (SE)	SS - 1SE	SS + 1SE
0	240 ^a	48	240 ^a	261
1	240 ^a	34	240 ^a	271
2	262	25	240 ^a	287
3	278	21	257	299
4	290	19	271	309
5	300	17	283	317
6	308	16	292	324
7	315	15	300	330
8	322	14	308	336
9	328	14	314	342
10	334	13	321	347
11	339	13	326	352
12	344	13	331	357
13	349	13	336	362
14	353	12	341	365
15	358	12	346	370
16	362	12	350	374
17	367	12	355	379
18	371	12	359	383
19	375	12	363	387
20	379	12	367	391
21	383	12	371	395
22	387	12	375	399
23	392	12	380	404
24	396	12	384	408
25	400	12	388	412
26	404	12	392	416
27	409	12	397	421
28	413	12	401	425
29	418	13	405	431
30	423	13	410	436
31	428	13	415	441
32	433	14	419	447
33	439	14	425	453
34	445	15	430	460
35	452	15	437	467
36	459	16	443	475
37	468	17	451	485
38	478	19	459	497
39	489	21	468	510
40	504	23	481	527
41	522	26	496	548
42	544	28	516	572
43	570	31	539	601
44	605	38	567	643
45	633	50	583	650 ^b

Note. ^aLOSS was set to 240. ^bHOSS was set to 650.

Table 4.22 The 2008 MSA-Reading Subtotal Raw Score to Scale Score Conversion Table: Grade 5

<u>Grade 5</u>					
Strand	Raw Score	Scale Score (SS)	Standard Error (SE)	SS – 1SE	SS + 1SE
GR	0	240	48	240 ^a	288
GR	1	265	35	240 ^a	300
GR	2	292	26	266	318
GR	3	309	22	287	331
GR	4	323	21	302	344
GR	5	335	20	315	355
GR	6	346	19	327	365
GR	7	357	19	338	376
GR	8	368	19	349	387
GR	9	380	20	360	400
GR	10	392	20	372	412
GR	11	405	22	383	427
GR	12	420	24	396	444
GR	13	440	27	413	467
GR	14	469	36	433	505
GR	15	495	49	446	544
LI	0	245	50	240 ^a	295
LI	1	274	38	240 ^a	312
LI	2	307	30	277	337
LI	3	330	26	304	356
LI	4	348	23	325	371
LI	5	364	22	342	386
LI	6	378	21	357	399
LI	7	391	21	370	412
LI	8	404	21	383	425
LI	9	418	22	396	440
LI	10	433	23	410	456
LI	11	452	26	426	478
LI	12	477	32	445	509
LI	13	521	43	478	564
LI	14	581	45	536	626
LI	15	617	54	563	650 ^b
IN	0	280	49	240 ^a	329
IN	1	306	36	270	342
IN	2	334	27	307	361
IN	3	353	23	330	376
IN	4	367	21	346	388
IN	5	380	20	360	400
IN	6	392	20	372	412
IN	7	404	20	384	424
IN	8	416	20	396	436
IN	9	429	21	408	450
IN	10	443	23	420	466
IN	11	461	25	436	486
IN	12	483	29	454	512
IN	13	514	35	479	549
IN	14	557	42	515	599
IN	15	589	52	537	641

Note. ^aLOSS was set to 240. ^bHOSS was set to 650.

Note. GR= General Reading, LI=Literary, IN=Informational

Table 4.23 The 2008 MSA-Reading Total Raw Score to Scale Score Conversion Table: Grade 6

<u>Grade 6</u>				
Raw Score	Scale Score (SS)	Standard Error (SE)	SS – 1SE	SS + 1SE
0	240 ^a	44	240 ^a	252
1	240 ^a	32	240 ^a	262
2	254	23	240 ^a	277
3	269	20	249	289
4	280	18	262	298
5	290	16	274	306
6	298	15	283	313
7	305	14	291	319
8	311	14	297	325
9	317	13	304	330
10	323	13	310	336
11	328	12	316	340
12	333	12	321	345
13	337	12	325	349
14	342	12	330	354
15	346	11	335	357
16	350	11	339	361
17	355	11	344	366
18	359	11	348	370
19	363	11	352	374
20	366	11	355	377
21	370	11	359	381
22	374	11	363	385
23	378	11	367	389
24	382	11	371	393
25	386	11	375	397
26	390	11	379	401
27	394	11	383	405
28	398	11	387	409
29	402	12	390	414
30	407	12	395	419
31	411	12	399	423
32	416	12	404	428
33	421	13	408	434
34	427	13	414	440
35	433	14	419	447
36	440	15	425	455
37	448	16	432	464
38	456	17	439	473
39	467	19	448	486
40	480	21	459	501
41	497	24	473	521
42	518	26	492	544
43	542	28	514	570
44	573	35	538	608
45	599	46	553	645

Note. ^aLOSS was set to 240.

Note. GR= General Reading, LI=Literary, IN=Informational

Table 4.24 The 2008 MSA-Reading Subtotal Raw Score to Scale Score Conversion Table: Grade 6

<u>Grade 6</u>					
Strand	Raw Score	Scale Score (SS)	Standard Error (SE)	SS – 1SE	SS + 1SE
GR	0	240 ^a	45	240 ^a	283
GR	1	261	33	240 ^a	294
GR	2	287	24	263	311
GR	3	304	21	283	325
GR	4	317	19	298	336
GR	5	328	18	310	346
GR	6	338	17	321	355
GR	7	348	17	331	365
GR	8	358	17	341	375
GR	9	367	17	350	384
GR	10	378	18	360	396
GR	11	389	19	370	408
GR	12	402	21	381	423
GR	13	419	24	395	443
GR	14	444	33	411	477
GR	15	468	45	423	513
LI	0	244	47	240 ^a	291
LI	1	271	36	240 ^a	307
LI	2	304	28	276	332
LI	3	327	24	303	351
LI	4	344	22	322	366
LI	5	359	20	339	379
LI	6	371	19	352	390
LI	7	383	19	364	402
LI	8	395	19	376	414
LI	9	407	20	387	427
LI	10	420	21	399	441
LI	11	436	24	412	460
LI	12	458	29	429	487
LI	13	496	38	458	534
LI	14	546	40	506	586
LI	15	578	49	529	627
IN	0	252	46	240 ^a	298
IN	1	277	35	242	312
IN	2	307	27	280	334
IN	3	328	24	304	352
IN	4	345	22	323	367
IN	5	360	20	340	380
IN	6	373	20	353	393
IN	7	386	19	367	405
IN	8	398	19	379	417
IN	9	411	20	391	431
IN	10	425	21	404	446
IN	11	441	23	418	464
IN	12	462	27	435	489
IN	13	491	33	458	524
IN	14	534	41	493	575
IN	15	567	50	517	617

Note. ^aLOSS was set to 240. ^bHOSS was set to 650.

Note. GR= General Reading, LI=Literary, IN=Informational

Table 4.25 The 2008 MSA-Reading Total Raw Score to Scale Score Conversion Table: Grade 7

<u>Grade 7</u>				
Raw Score	Scale Score (SS)	Standard Error (SE)	SS – 1SE	SS + 1SE
0	240 ^a	46	240 ^a	261
1	240 ^a	33	240 ^a	271
2	262	24	240 ^a	286
3	277	20	257	297
4	289	18	271	307
5	298	16	282	314
6	306	15	291	321
7	313	15	298	328
8	319	14	305	333
9	325	13	312	338
10	330	13	317	343
11	335	13	322	348
12	340	12	328	352
13	345	12	333	357
14	349	12	337	361
15	354	12	342	366
16	358	12	346	370
17	362	11	351	373
18	366	11	355	377
19	370	11	359	381
20	374	11	363	385
21	378	11	367	389
22	382	11	371	393
23	386	11	375	397
24	390	11	379	401
25	394	11	383	405
26	398	12	386	410
27	402	12	390	414
28	407	12	395	419
29	411	12	399	423
30	416	12	404	428
31	420	13	407	433
32	426	13	413	439
33	431	13	418	444
34	437	14	423	451
35	443	14	429	457
36	450	15	435	465
37	457	16	441	473
38	465	17	448	482
39	475	18	457	493
40	487	20	467	507
41	500	22	478	522
42	516	24	492	540
43	537	28	509	565
44	567	36	531	603
45	593	48	545	641

Note. ^aLOSS was set to 240.

Table 4.26 The 2008 MSA-Reading Subtotal Raw Score to Scale Score Conversion Table: Grade 7

<u>Grade 7</u>					
Strand	Raw Score	Scale Score (SS)	Standard Error (SE)	SS – 1SE	SS + 1SE
GR	0	245	47	240 ^a	292
GR	1	269	34	240 ^a	303
GR	2	296	26	270	322
GR	3	313	22	291	335
GR	4	328	20	308	348
GR	5	340	19	321	359
GR	6	351	19	332	370
GR	7	363	19	344	382
GR	8	374	19	355	393
GR	9	385	19	366	404
GR	10	398	20	378	418
GR	11	411	21	390	432
GR	12	427	23	404	450
GR	13	446	27	419	473
GR	14	474	35	439	509
GR	15	499	47	452	546
LI	0	252	49	240 ^a	301
LI	1	279	36	243	315
LI	2	310	28	282	338
LI	3	331	24	307	355
LI	4	348	22	326	370
LI	5	362	21	341	383
LI	6	375	20	355	395
LI	7	387	20	367	407
LI	8	400	20	380	420
LI	9	412	20	392	432
LI	10	426	21	405	447
LI	11	441	23	418	464
LI	12	460	26	434	486
LI	13	485	30	455	515
LI	14	521	38	483	559
LI	15	549	49	500	598
IN	0	260	47	240 ^a	307
IN	1	286	35	251	321
IN	2	314	26	288	340
IN	3	333	23	310	356
IN	4	348	21	327	369
IN	5	361	20	341	381
IN	6	373	19	354	392
IN	7	385	19	366	404
IN	8	397	20	377	417
IN	9	410	21	389	431
IN	10	424	22	402	446
IN	11	442	25	417	467
IN	12	465	30	435	495
IN	13	499	36	463	535
IN	14	545	41	504	586
IN	15	576	51	525	627

Note. ^aLOSS was set to 240. ^bHOSS was set to 650.

Note. GR= General Reading, LI=Literary, IN=Informational

Table 4.27 The 2008 MSA-Reading Total Raw Score to Scale Score Conversion Table: Grade 8

<u>Grade 8</u>				
Raw Score	Scale Score (SS)	Standard Error (SE)	SS – 1SE	SS + 1SE
0	240 ^a	45	240 ^a	252
1	240 ^a	33	240 ^a	264
2	257	24	240 ^a	281
3	274	21	253	295
4	286	18	268	304
5	296	17	279	313
6	305	15	290	320
7	312	14	298	326
8	318	14	304	332
9	324	13	311	337
10	330	13	317	343
11	335	12	323	347
12	340	12	328	352
13	344	12	332	356
14	348	11	337	359
15	352	11	341	363
16	356	11	345	367
17	360	11	349	371
18	364	11	353	375
19	368	11	357	379
20	372	11	361	383
21	375	11	364	386
22	379	11	368	390
23	383	11	372	394
24	386	11	375	397
25	390	11	379	401
26	394	11	383	405
27	398	11	387	409
28	402	11	391	413
29	406	11	395	417
30	410	12	398	422
31	415	12	403	427
32	419	12	407	431
33	424	13	411	437
34	430	13	417	443
35	436	14	422	450
36	442	14	428	456
37	449	15	434	464
38	457	16	441	473
39	466	17	449	483
40	477	19	458	496
41	490	21	469	511
42	506	23	483	529
43	525	26	499	551
44	552	33	519	585
45	576	45	531	621

Note. ^aLOSS was set to 240.

Table 4.28 The 2008 MSA-Reading Subtotal Raw Score to Scale Score Conversion Table: Grade 8

Grade 8					
Strand	Raw Score	Scale Score (SS)	Standard Error (SE)	SS – 1SE	SS + 1SE
GR	0	251	45	240 ^a	296
GR	1	275	33	242	308
GR	2	300	25	275	325
GR	3	317	21	296	338
GR	4	331	20	311	351
GR	5	343	19	324	362
GR	6	354	18	336	372
GR	7	365	18	347	383
GR	8	375	18	357	393
GR	9	385	18	367	403
GR	10	396	18	378	414
GR	11	407	19	388	426
GR	12	420	20	400	440
GR	13	434	22	412	456
GR	14	451	25	426	476
GR	15	477	33	444	510
GR	16	501	45	456	546
LI	0	240 ^a	48	240 ^a	272
LI	1	253	37	240 ^a	290
LI	2	290	31	259	321
LI	3	316	26	290	342
LI	4	335	23	312	358
LI	5	351	21	330	372
LI	6	364	20	344	384
LI	7	376	19	357	395
LI	8	389	20	369	409
LI	9	402	21	381	423
LI	10	419	23	396	442
LI	11	440	28	412	468
LI	12	474	36	438	510
LI	13	520	40	480	560
LI	14	551	49	502	600
IN	0	273	45	240 ^a	318
IN	1	296	33	263	329
IN	2	322	24	298	346
IN	3	339	21	318	360
IN	4	352	19	333	371
IN	5	364	18	346	382
IN	6	375	18	357	393
IN	7	385	18	367	403
IN	8	396	18	378	414
IN	9	407	19	388	426
IN	10	420	20	400	440
IN	11	434	22	412	456
IN	12	453	26	427	479
IN	13	480	31	449	511
IN	14	517	37	480	554
IN	15	546	48	498	594

Note. ^aLOSS was set to 240. ^bHOSS was set to 650.

Note. GR= General Reading, LI=Literary, IN=Informational

Table 4.29 The 2008 MSA-Reading Score Difference between Rater 1 and Rater 2: Grade 3

Grade	Item No.	Perfect		Adjacent		Discrepancy		Total	
		N	%	N	%	N	%	N	%
3	15	42,582	73.0	15,015	25.8	704	1.2	58,301	100.0
	18	45,471	78.0	12,554	21.5	276	0.5	58,301	100.0
	21	39,916	68.5	17,637	30.3	748	1.3	58,301	100.0
	24	43,104	73.9	14,813	25.4	384	0.7	58,301	100.0

Note. Analyses were conducted with a statewide population.

Table 4.30 The 2008 MSA-Reading Score Difference between Rater 1 and Rater 2: Grade 4

Grade	Item No.	Perfect		Adjacent		Discrepancy		Total	
		N	%	N	%	N	%	N	%
4	14	45,992	77.0	13,531	22.7	174	0.3	59,697	100.0
	17	47,901	80.2	11,646	19.5	150	0.3	59,697	100.0
	20	42,080	70.5	17,365	29.1	252	0.4	59,697	100.0
	23	46,717	78.3	12,872	21.6	108	0.2	59,697	100.0

Note. Analyses were conducted with a statewide population.

Table 4.31 The 2008 MSA-Reading Score Difference between Rater 1 and Rater 2: Grade 5

Grade	Item No.	Perfect		Adjacent		Discrepancy		Total	
		N	%	N	%	N	%	N	%
5	13	44,044	72.8	16,233	26.8	209	0.4	60,486	100.0
	16	42,783	70.7	17,619	29.1	84	0.1	60,486	100.0
	19	39,349	65.1	19,783	32.7	1,354	2.2	60,486	100.0
	22	44,799	74.1	15,369	25.4	318	0.5	60,486	100.0

Note. Analyses were conducted with a statewide population.

Table 4.32 The 2008 MSA-Reading Score Difference between Rater 1 and Rater 2: Grade 6

Grade	Item No.	Perfect		Adjacent		Discrepancy		Total	
		N	%	N	%	N	%	N	%
6	13	44,316	72.6	16,514	27.1	206	0.3	61,036	100.0
	16	45,080	73.9	15,827	25.9	129	0.2	61,036	100.0
	19	47,666	78.1	12,972	21.3	398	0.7	61,036	100.0
	22	46,089	75.5	14,725	24.1	222	0.4	61,036	100.0

Note. Analyses were conducted with a statewide population.

Table 4.33 The 2008 MSA-Reading Score Difference between Rater 1 and Rater 2: Grade 7

Grade	Item No.	Perfect		Adjacent		Discrepancy		Total	
		N	%	N	%	N	%	N	%
7	9	43,657	69.8	18,330	29.3	526	0.8	62,513	100.0
	12	46,557	74.5	15,716	25.1	240	0.4	62,513	100.0
	15	50,309	80.5	11,828	18.9	376	0.6	62,513	100.0
	18	42,285	67.6	19,424	31.1	804	1.3	62,513	100.0

Note. Analyses were conducted with a statewide population.

Table 4.34 The 2008 MSA-Reading Score Difference between Rater 1 and Rater 2: Grade 8

Grade	Item No.	Perfect		Adjacent		Discrepancy		Total	
		N	%	N	%	N	%	N	%
8	9	45,572	71.4	18,018	28.2	268	0.4	63,858	100.0
	12	48,345	75.7	15,401	24.1	112	0.2	63,858	100.0
	15	45,859	71.8	17,396	27.2	603	0.9	63,858	100.0
	18	47,362	74.2	16,209	25.4	287	0.5	63,858	100.0

Note. Analyses were conducted with a statewide population.